

middle of the body, the hinder spot largest and nearest to the edge of the ventral shield.

Hab. Upper Amazon.

5. DESCRIPTIONS OF THIRTY-SIX NEW SPECIES OF LAND-SHELLS FROM MR. H. CUMING'S COLLECTION. BY DR. L. PFEIFFER.

(Mollusca, Pls. L., LI.)

1. *HELIX BOUGAINVILLEI*, Pfr. (Pl. L. fig. 7.) *T. imperforata, globoso-conoidea, solidiuscula, striatula, irregulariter malleata et sulcis nonnullis spiralibus notata, nitida, saturate castanea; spira conoidea, vertice subtili, obtusulo; sutura pallide marginata; anfr. 5 modice convexi, regulariter accrescentes, ultimus rotundatus, periphæria obtuse angulatus; columella lata, oblique substrictè descendens; apertura diagonalis, rotundato-lunaris, intus nitide cærulescens; peristoma albo-callosum, breviter expansum, marginibus callo crassiusculo junctis, dextro regulariter arcuato.*

Diam. maj. $62\frac{1}{2}$, min. 51, alt. 39 mill.

Hab. Bougainville Island.

2. *HELIX APOLLO*, Pfr. (Pl. L. fig. 9.) *T. imperforata, turbinate-depressa, solida, carinata, oblique striata et sub lente minutissime granulata, opaca, lutea, lineis fuscis irregulariter circumdata; spira breviter conoidea, obtusa; anfr. 4 vix convexiusculi, ultimus acute carinatus, antice leviter descendens, basi convexus; apertura diagonalis, rhombéo-lunaris, intus lactea; perist. crassum, album, breviter reflexum, margine basali dilatato, in regione umbilicali adnato, tuberculo elongato prope insertionem prædito.*

Diam. maj. $46\frac{1}{2}$, min. $87\frac{1}{2}$, alt. 22 mill.

Hab. Isle of Cuba.

3. *HELIX ISIS*, Pfr. (Pl. L. fig. 8.) *T. umbilicata, depressa, solidula, striatula, unicolor castanea; spira vix elevata; anfr. 5 vix convexiusculi, sensim accrescentes, ultimus antice subdeflexus, periphæria obsolete angulatus, subtus convexior; apertura obliqua, late lunaris, intus submargaritacea; perist. album, marginibus vix convergentibus, supero subhorizontali, expanso, basali late reflexo, ad insertionem breviter ascendente, umbilicum mediocrem lamina dilatata semioccultante.*

Diam. maj. 45, min. 38, alt. 19 mill.

Hab. Admiralty Islands.

4. *HELIX ÆQUATORIA*, Pfr. (Pl. L. fig. 6.) *T. imperforata, conoideo-depressa, solida, striatula et subtilissime punctato-granulata, subcarinata, saturate castanea; spira convexo-conoidea; anfr. 5, convexiusculi, ultimus antice deflexus, rotundatus, turgidus; apertura perobliqua, sinuato-lunaris; perist.*

fusco-carneum, incrassatum, reflexum, marginibus callo funiculari junctis, supero arcuato, intus calloso (callo ad dextram abrupte desinente), dextro acute unidentato, basali dilatato subappresso, intus medio tuberculo valido compresso munito.

Diam. maj. 38, min. 32, alt. 20 mill.

Hab. Republic of Ecuador (*Mr. Fraser*).

5. *HELIX LIVESAYI*, Pfr. *T. umbilicata, lenticularis, carinata, solidiuscula, capillaceo-striata et striis spiralibus obsolete granulata, sericea, corneo-albida, fasciis castaneis superne 2, basi unica ornata; spira conidea, obtusa; sutura albomarginata; anfr. 5 convexiusculi, ultimus carina acuta, prominente, alba munitus, aperturam versus superne convexior, inde angustatus, subito deflexus, subtus scrobiculatus; apertura fere horizontalis, transverse subrhombico-ovalis; perist. continuum, album, expansum et reflexum, margine basali intus valide unidentatum, umbilicum angustum senitegente.*

Diam. maj. 25, min. 21, alt. 10 mill.

Hab. Philippine Islands.

6. *HELIX CASEUS*, Pfr. *T. umbilicata, depressa, tenuiuscula, irregulariter striata et sub lente minutissime granulata, diaphana, albido-cornea vel pallide rufescens; spira vix elevata; sutura impressa; anfr. 4½ planiusculi, ultimus superne obtuse carinatus, antice deflexus, basi turgidus, circa umbilicum conicum angulatus; apertura diagonalis, subelliptica; perist. album, undique sublato reflexum, marginibus approximatis, basali leviter arcuato, juxta umbilicum dilatato.*

Diam. maj. 18, min. 15, alt. 9 mill.

Hab. Siam.

7. *HELIX ALBICOSTIS*, Pfr. *T. sublato umbilicata, depressa, tenuis, granulato-rugosa et pilis brevibus obsita, cornea, costulis obliquis albidis munita; spira parum elevata; anfr. 4 convexiusculi, ultimus superne subangulatus, supra angulum leviter sulcatus, antice deflexus; apertura perobliqua, ovalis; perist. tenue, marginibus fere contiguis, supero expansiusculo, basali breviter reflexo.*

Diam. maj. 9½, min. 8, alt. 4½ mill.

Hab. Ahmednuggur, India.

8. *HELIX HETÆRA*, Pfr. *T. mediocriter umbilicata, conoideo-depressa, tenuiuscula, oblique irregulariter rugulata et undique minute granulata, pallide lutescens, fasciis 3 rufis, 1 suturali, 2 approximatis periphericis cincta; spira breviter conoidea; anfr. 6 modice convexi, lente accrescentes, ultimus antice vix descendens; apertura obliqua, lunaris, intus submargaritacea; perist. fusco-carneum, breviter reflexum, juxta umbilicum dilatatum.*

Diam. maj. 19, min. 16, alt. 10½ mill.

Hab. Unknown.

9. *HELIX ACMELLA*, Pfr. (Pl. L. fig. 4.) *T. subobtecte perforata, turbinata, solidula, lævigata, nitida, lutea, sursum pallidior; spira regulariter turbinata, vertice minutissimo, acuto; anfr. 6 convexi, ultimus non descendens, basi planior; apertura diagonalis, subquadrangulari-ovalis; perist. album, reflexum, margine dextro subflexuoso, columellari longe adnato, umbilicum canaliformem fingente.*

Diam. maj. 26, min. 22, alt. 25 mill.

Hab. Admiralty Islands.

10. *HELIX LIRATULA*, Pfr. *T. umblicata, trochiformis, tenuiuscula, striata et liris filiformibus subconfertis cincta, diaphana, oleoso-micans, pallide corneo-lutescens; spira conica, apice obtusa; sutura impressa; anfr. 7½ convexiusculi, ultimus angulatus, non descendens, basi lævior, convexior; apertura vix obliqua, subangulato-lunaris; perist. simplex, rectum, margine columellari declivi, juxta umbilicum perangustum subdilatao.*

Diam. maj. 6, min. 5½, alt. 4 mill.

Hab. Ceylon, 6000', under decayed woods (Mr. Thwaites).

11. *HELIX BATESII*, Pfr. *T. umblicata, depressa, tenuis, dense et oblique plicatula, cornea, pliculis albidis; spira convexa, parum elata; anfr. 5 convexiusculi, regulariter accrescentes, ultimus non descendens, subdepressus, basi convexior; umbilicus latus, ¼ diametri subæquans; apertura diagonalis, rotundato-lunaris; perist. simplex, rectum, margine basali arcuato, ad insertionem vix patente.*

Diam. maj. 11, min. 9½, alt. 5 mill.

Hab. Upper Amazon (Mr. Bates).

12. *HELIX TURNERI*, Pfr. *T. anguste et clauso-umblicata, depressa, subdiscoidea, tenuiuscula, conferte plicato-costata, diaphana, nitidula, corneo-lutescens, rufo variiegata et ad suturam distincte maculata; spira vix elevata; sutura denticulata; anfr. 4 convexiusculi, regulariter accrescentes, ultimus, subdepressus, non descendens, loco umbilici lamina vitrea obtectus; apertura fere diagonalis, subtriangulari-lunaris; perist. simplex, rectum, marginibus distantibus, supero antrorsum arcuato, basali medio denticulo albo munito, ad insertionem subdilatao.*

Diam. maj. 7¼, min. 6¼, alt 3 mill.

Hab. New Caledonia (Mr. Turner).

13. *HELIX NAGPORENSIS*, Pfr. *T. latissime umblicata, depressa, tenuiuscula, oblique striata, opaca, carneo-albida; spira medio vix prominula; anfr. 4 convexiusculi, ultimus subtus vix lator, antice deflexus et subtus subconstrictus; apertura perobliqua, transverse ovalis; perist. tenue, marginibus convergentibus, supero recto, basali breviter reflexo.*

Diam. maj. 10, min. 8, alt. 4 mill.

Hab. Nagpore, India (Mr. Jerdon).

14. *HELIX TRISTRAMI*, Pfr. *T. late umbilicata, perdepressa, acute carinata, tenuis, oblique plicato-strata, opaca, sordide albida, corneo obsolete variegata; spira vix elevata; sutura carina leviter exserta marginata; anfr. 5 planiusculi sensim accrescentes, ultimus infra carinam compressam, crenulatum convexus, antice non descendens; apertura obliqua, subsecuriformis; perist. rectum, intus sublabiatum, margine supero antrorsum arcuato.*

Diam. maj. 12, min. $10\frac{1}{2}$, alt. 4 mill.

Hab. Interior of Tunis (Mr. Tristram).

15. *HELIX MENDICARIA*, Pfr. *T. mediocriter umbilicata, conoideo-semiglobosa, solidula, striata et sub lente breviter pilosa, cornea; spira conoidea, vertice subtili nitido; anfr. $4\frac{1}{2}$ turgidi, ultimus vix descendens; apertura parum obliqua, lunato-subcircularis; perist. simplex, rectum, marginibus convergentibus, columellari vix dilatato, non reflexo.*

Diam. maj. 8, min. 7, alt. $4\frac{2}{3}$ mill.

Hab. Interior of Tunis (Mr. Tristram).

16. *HELIX (NANINA) DÖHRNIANA*, Pfr. *T. perforata, depressa, suborbicularis, tenuiuscula, sublævigata, parum diaphana, lutescenti-grisea; spira breviter conoidea, vertice minuto, obtuso; anfr. $6\frac{1}{2}$ convexiusculi, regulariter accrescentes, ultimus non descendens, supra medium obsolete subangulatus, basi vix convexior, nitidior; apertura fere verticalis, transverse lunaris; perist. simplex, rectum, margine columellari declivi, levissime arcuato, ad perforationem reflexiusculo.*

Diam. maj. $31\frac{1}{2}$, min. 28, alt. 15 mill.

Hab. Siam (Mr. Mouhot).

17. *HELIX (NANINA) MOUHOTI*, Pfr. (Pl. L. fig. 5.) *T. perforata, orbiculato-depressa, tenuiuscula, minute costulato-striata et superne lineis spiralibus impressis decussata, superne pallide cinnamomea, basi nitida, corneo-albida; spira convexa; sutura rufulo-marginata; anfr. 6 convexiusculi, lente accrescentes, ultimus non descendens, subtus convexior; apertura obliqua, lunaris; perist. simplex, rectum, margine columellari leviter arcuato, ad perforationem apertam triangulatim reflexo.*

Diam. maj. 26, min. 23, alt. 14 mill.

Hab. Siam (Mr. Mouhot).

18. *BULIMUS SATURANUS*, Pfr. *T. imperforata, subfusiformi-oblonga, solida, lilaceo-carnea, fusco-flammulata; spira conica, apice acutiusculo, albo; anfr. $6\frac{1}{2}$, summi lævigati, sequentes oblique striati, ultimus lævior, rarioribus nonnullis latis nigricantibus munitus, spira paulo brevior, basi attenuatus; columella crassa, torta, nigra; apertura subverticalis, acuminato-oblonga; perist. nigrum, breviter reflexum, marginibus callo nigro junctis.*

Long. 76, diam. 33 mill.

Hab. Pallatanga, Republic of Ecuador (Mr. Fraser).

19. *BULIMUS FRASERI*, Pfr. (Pl. LI. fig. 5.) *T. imperforata, oblongo-fusiformis, solida, longitudinaliter conferte striata et lineis impressis remotis cincta, sub epidermide virenti-fulva, non nitente, carnea, fasciis interruptis sagittatis vel fulguratim confluentibus atrofuscis ornata; spira conica, apice obtusula; anfr. 6 convexiusculi, ultimus spiram subæquans, basi attenuatus; columella violacea, superne plica valida munita, basi subtorta; apertura obliqua, semielliptica, basi subangulata, intus lactea; perist. roseum, incrassatum et expansum, marginibus callo nitidissimo, lilacino, intrante junctis, columellari angusto, adnato.*

Long. 89, diam. 37 mill.

Hab. Province of Cuenca, republic of Ecuador (Mr. Fraser).

20. *BULIMUS SCHOMBURGKI*, Pfr. (Pl. LI. fig. 9.) *T. subim-perforata, dextrorsa vel sinistrorsa, solida, striatula, sub epidermide viridi, saturatius lineata et radiatim detrita alba; spira conica, vertice acutiusculo, atro-violaceo; anfr. 7 convexiusculi, supremi violaceo-fasciati, ultimus spira brevior, basi attenuatus; columella inflata, substricta, violacea; apertura parum obliqua, truncato-ovalis, intus alba; perist. incrassatum, reflexum, lilaceum, marginibus callo nigro-castaneo junctis, columellari dilatato, fornicatim reflexo, subadnato.*

Long. 48, diam. 23 mill.

Hab. Siam.

21. *BULIMUS STUTCHBURYI*, Pfr. (Pl. LI. fig. 8.) *T. subumbilicata, ovato-fusiformis, tenuiuscula, striata, striis spiralibus subtilissime decussatula, nitida, fulva, lineis saturatioribus radiata; spira subregulariter conica, obtusula; sutura albollosa; anfr. 5 vix convexiusculi, ultimus $\frac{2}{3}$ longitudinis adæquans, antice arcuatim breviter ascendens, basi attenuatus; apertura subauriformis, superne acuminata, sæpe tuberculo parietali nodiformi coarctata, intus margaritacea; columella alba, leviter plicata; perist. carneo-fulvum vel album, margine dextro subregulariter arcuato, expanso et reflexo, columellari dilatato, plano, fere adnato.*

Long. 53, diam. 11 mill.

Hab. Erumanga, New Hebrides.

22. *BULIMUS PYROSTOMUS*, Pfr. *T. profunde rimata, ovato-conica, solidula, striata et striis spiralibus levibus irregulariter rotata, castanea, saturatius strigata; spira conica, acutiuscula; sutura mediocris, simplex; anfr. 5 modice convexi, ultimus spiram paulo superans, medio inflatus; columella substricta; apertura vix obliqua, acuminato-ovalis, intus igneo-fusca, nitida; perist. incrassatum, rectum, igneum, marginibus callo junctis, dextro leviter arcuato, columellari dilatato, libero.*

Long. 42, diam. 19 mill.

Hab. Erumanga, New Hebrides.

23. *BULIMUS TURNERI*, Pfr. (Pl. LI. fig. 10.) *T. imperforata, ovato-acuta, succinoidea, tenuis, striatula, corneo-albida, fasciis olivaceo-fuscis, saturatius strigatis, ornata; spira conica, acutiuscula; anfr. 4 convexiusculi, ultimus $\frac{2}{3}$ longitudinis superans, basi vix angustatus; columella compressa, callosa, filaris; apertura parum obliqua, acuminato-ovalis, intus nitida; perist. simplex, tenue, breviter expansum, margine dextro subflexuoso, columellari adnato.*

Long. 32, diam. 17 mill.

Hab. Erumanga, New Hebrides (Mr. Turner).

24. *BULIMUS COLUBRINUS*, Pfr. (Pl. LI. fig. 4.) *T. umbilicata, fusiformi-oblonga, solidula, striata et sulculis obliquis et spiralibus irregulariter granulata, nitida, fulva, strigis fulminantibus, nigro-castaneis ornata; spira conica, acuminatiuscula, superne nuda, purpurascens; anfr. 5 convexi, ultimus spiram paulo superans, basi saccatus; columella albida, crassa, torta, leviter prominens; apertura subverticalis, oblongo-ovalis, intus ignea, nitidissima; perist. subincrassatum, albido-limbatum, marginibus callo igneo junctis, dextro breviter expanso, columellari dilatato, patente.*

Long. 56, diam. 23 mill.

Hab. New Caledonia (Mr. Turner).

25. *ORTHALICUS BOUCARDI*, Pfr. (Pl. LI. fig. 7.) *T. conico-ovata, solidula, striatula, striis spiralibus sub lente vix conspicuis decussata, opaca, alba, strigis latis fuscis picta et varicibus nigris instructa; spira conica, obtusula; sutura subcrenata, albo-marginata; anfr. $5\frac{1}{2}$ convexiusculi, ultimus spiram æquans; columella pilaris, alba, stricte recedens; apertura obliqua, angulato-ovalis, intus alba, nigro-strigata; perist. rectum, nigro-limbatum, marginibus callo nitido, nigro-castaneo junctis.*

Long. 43, diam. 25-26 mill.

Hab. Mexico (Mr. Boucard).

26. *ACHATINA GREVILLEI*, Pfr. *T. ovato-oblonga, solida, striatula, sub epidermide tenui, fuscule olivaceo-lutescens; spira conica, obtusa; sutura crenulata, late impresso-marginata; anfr. 6-7, supremi minutissime decussati, ultimus spiram superans, sublævigatus, periphæria obsolete angulatus; columella subtorta, purpurea, anguste truncata; apertura parum obliqua, angulato-ovalis, intus margaritaceo-albida; perist. tenue, expansiusculum, marginibus callo purpureo, sursum pallidiore, junctis, dextro repando.*

Long. 105, diam. 55 mill.

Hab. Old Calabar.

27. *OLEACINA INDUSIATA*, Pfr. *T. ovato-oblonga, solidula, angulis longitudinalibus et striis confertis decussata, fulva, epidermide castanea, irregulariter detrита, oblecta; spira conica,*

apice obtusa; sutura subcrenata; anfr. 5½ convexiusculi, ultimus subinflatus, a medio deorsum striis spiralibus destitutus; columella arcuata, basi late truncata; apertura verticalis, acuminato-ovalis, intus margaritacea; perist. rectum, acutum.

Long. 43, diam. 22 mill.

Hab. La Parada, Oajaca, Mexico (Mr. Sallé).

28. *CYLINDRELLA GRANDIS*, Pfr. (Pl. L. fig. 3.) *T. profunde rinata, turrata, late truncata, solidiuscula, oblique filoso-striata, interstitiis sub lente oblique striatulis, nitidula, fuscorubella; sutura sub-albo-marginata; anfr. superst. 8 convexiusculi, ultimus basi obtuse carinatus, antice vix protractus; columella subplicata; apertura vix obliqua, ovalis, superne subangulata; perist. continuum, breviter expansum, vix reflexiusculum.*

Long. 56, diam. 17 mill.

Hab. Juquila, Mexico (Mr. Boucard).

29. *CYLINDRELLA MEXICANA*, Cuming in litt. *T. sulcato-rinata, turrata, truncata, leviter arcuato-striata et sub lente punctulata, parum nitens, violaceo-fusca; sutura levis, subalbida; anfr. superst. 10 planiusculi, ultimus infra medium obtuse angulatus, antice protractus, dorso carinatus; columella plica compressa, dentiformi munita; apertura vix obliqua, irregulariter ovalis, superne angulata; perist. continuum, undique reflexum, margine dextro incrassato, regulariter arcuato, sinistro sinuoso.*

Long. 55, diam. 15 mill.

β. Minor, anfr. superst. 8. Long. 32½, diam. 10 mill.

Hab. Mexico.

30. *CYLINDRELLA SPLENDIDA*, Pfr. (Pl. L. fig. 1.) *T. rimata, turrata, late truncata, solidula, oblique filoso-costulata, nitidula, carneo-violacea; sutura sub-albo-filosa, crenulata; anfr. superst. 8-8½ modice convexi, ultimus obsolete filo-carinatus, antice breviter solutus; columella subplicata; apertura fere verticalis, oblique ovalis; perist. continuum, album, breviter reflexum, superne subangulatum.*

Long. 46, diam. 15 mill.

Hab. Zacatepec, Mexico (Mr. Boucard).

31. *CYLINDRELLA ARCTOSPIRA*, Pfr. (Pl. L. fig. 2.) *T. rimata, cylindraco-turrata, late truncata, solidula, confertim subarcuato-costata, subopaca, albida; sutura profunda, subnodulosa; anfr. superst. 18, arcte voluti, convexi, ultimus angustior, filo-carinatus, antrorsum breviter protractus; apertura parvula, obliqua, oblique ovalis; perist. continuum, nitidum, undique breviter reflexum, margine sinistro lateraliter producto.*

Long. 38, diam. 10 mill.

Hab. Juquila, Mexico (Mr. Boucard).

32. *CYLINDRELLA CRETACEA*, Pfr. *T. rimata, oblongo-turrita, cretacea; spira medio ventrosior, apice subtruncata, vel in conum brevem abiens; sutura levis; anfr. 13-14 vix convexiusculi, lævigati, penultimus semiplicatus, ultimus valide costatus, basi compresso-carinatus, antice horizontaliter et breviter protractus; apertura verticalis, subtriangularis; perist. continuum, undique rectangule patens.*

Long. 24, diam. 7 mill.

Hab. Mexico.

33. *CLAUSILIA ADAMSIANA*, Pfr. *T. vix rimata, turrito-fusi-formis, solidula, oblique distincte et confertim striata, oleomicans, diaphana, fusco-cornea; spira medio subinflata, apice obtusula; anfr. 8 convexiusculi, ultimus angustus, solutus, deorsum protractus, basi rotundatus; apertura obliqua, pyriformi-subcircularis; lamellæ approximatae, subparallelae, superior producta, acuta, inferiore minor, profundior; lunella distincta, filaris, arcuata; plica palatalis 1 supera, subcolumellaris inconspicua; perist. tenue, fuscum, undique subæqualiter expansum.*

Long. 18-19, diam. $4\frac{1}{3}$ - $4\frac{1}{2}$ mill.

Hab. South America.

34. *CLAUSILIA TRISTRAMI*, Pfr. *T. vix rimata, subfusiformi-turrita, solidula, conferte filoso-striata, opaca, sordide liliacea; spira convexiusculo-turrita, apice cornea, obtusula; sutura levissima, subsimplex; anfr. 12 planiusculi, ultimus basi compresso-gibbosus; apertura verticalis, elliptica, intus carneo-fusca; lamellæ tenues, convergentes; lunella crassa, albida, arcuata; plica palatalis 1 supera, elongata; subcolumellaris inconspicua; perist. album, continuum, breviter reflexum, superne adnatum, margine externo intus subdentato.*

Long. 21, diam. $4\frac{1}{3}$ - $4\frac{1}{2}$ mill.

Hab. Southern slope of the Atlas, Interior of Tunis (*Mr. Tristram*).

35. *CYCLOPHORUS CONFLUENS*, Pfr. *T. late umbilicata, depressa, solida, striis confertis confluentibus et cruciatis superne sculpta, lutea, fasciis castaneis, pallide punctatis, superne confluentibus, subtus distinctis ornata; spira subplana; sutura impressa; anfr. $4\frac{1}{2}$ convexiusculi, ultimus antice ad insertionem cucullatim dilatatus; apertura diagonalis, subcircularis, intus albida; perist. subinterruptum, margine supero elevato, sinuato, dextro expansiusculo, basali reflexiusculo, columellari angusto. Operc. corneum, arcispirum.*

Diam. maj. 25, min. $20\frac{1}{2}$, alt. 9 mill.

Hab. Borneo.

36. *PARTULA TURNERI*, Pfr. *T. profunde rimato-umbilicata, ovato-conica, solidula, sub lente spiraler undulato-striata, nitida, pallide lutescens, strigis saturatioribus radiata; spira conica, acutiuscula; anfr. 5 convexi, ultimus spira vix brevior,*

basi subcompressus; columella simplex, leviter arcuata; apertura parum obliqua, oblonga; perist. album, nitidum, undique latiuscule expansum, marginibus conniventibus, columellari patente.

Long. 22-23, diam. 11-12 mill.

β. Paulo ventrosior, albido et isabellino radiata.

Hab. Erumanga, New Hebrides (Mr. Turner).

6. DESCRIPTIONS OF NEW SPECIES OF MOLLUSCA FROM THE SANDWICH ISLANDS. BY W. HARPER PEASE. (COMMUNICATED BY DR. J. E. GRAY.) (Part II.)*

Genus POLYBRANCHIA.

Body oblongo-ovate, provided with several rows of lobes, commencing at anterior portion of the body, and extending in continuous series around the posterior part; lobes deciduous. Branchiæ imbedded in the lobes. Cephalic tentacles bifurcate.

52. POLYBRANCHIA PELLUCIDA.

Animal.—Oblongo-ovate, pellucid. Cephalic tentacles long, cylindrical, slightly tapering to a blunt point, bifurcate from the base, one part curving slightly anteriorly and the other posteriorly, grooved (?), on the inside, opposite each other. Labial tentacles of same shape, shorter. The body furnished with four rows of lobes, commencing opposite the cephalic tentacles, and passing in continuous series around hinder part of the body, leaving a narrow space on dorsal region bare; lobes deciduous, pellucid, of a jelly-like consistency, close, disposed alternately, those on the edge of the mantle smallest, increasing in size as they ascend over the sides and back of the body, cylindrical at the base, spreading out in a fan-like shape, overlapping each other. Branchiæ imbedded in the substance of the lobes, ramose; the stem commencing at the base of the lobes and branching out, following their form, not extending to the edges of the lobes. Foot same size as the mantle.

This singular species was very active, when handled casting off its upper lobes; and when plunged in alcohol instantly detaching the whole.

53. VEXILLA FUSCO-NIGRA.

Shell abbreviately fusiform, ventricose, solid; spire moderately produced, acute, and less than half the length of the shell; whorls six, convex, furnished with close transverse granular ribs; suture impressed; body-whorl large, ventricose, and marked with coarse, remote, revolving impressed lines, and fine longitudinal striæ and wrinkles; canal short, slightly recurved; aperture oblong-ovate; outer

* See P. Z. S. for January 11, *antea*, p. 18.